

ABSTRACT OF THE DISCLOSURE

A computer-implemented method, system and computer program product for dynamic bandwidth provisioning, including receiving from a service provider a generated provisioning event requesting a maximum data rate for a modem based upon a level of service purchased by an end-user from the service provider in all cases; determining whether or not the provisioning event is a time-limited provisioning event; and performing one of the following steps: (a) transmitting a configuration file allowing the modem to operate up to the maximum data rate, if it is determined that the provisioning event is not a time-limited provisioning event or if it is determined that the provisioning event is a time-limited provisioning event that has not yet expired, and (b) transmitting a configuration file restoring the modem to operate at a previous data rate, if it is determined that the provisioning event is a time-limited provisioning event that has expired.